

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A device, comprising:
 - an at least partially plane antenna carrier with a first side and a second side,
 - at least one first printed wiring board~~Printed Wiring Board (PWB)~~ being attached to said first side of said antenna carrier and having at least one first~~one first~~ radiation structure formed on said at least one first printed wiring board~~it~~, and
 - at least one second printed wiring board~~PWB~~ being attached to said second side of said antenna carrier,
 - wherein the antenna carrier is located between the at least one first printed wiring board and the at least one second printed wiring board,
 - wherein said at least one second printed wiring board~~PWB~~ acts as a parasitic antenna element, and
 - wherein said at least one first printed wiring board~~PWB~~ is positioned on said first side of said antenna carrier and said at least one second printed wiring board~~PWB~~ is positioned on said second side of said antenna carrier so that at least one of said at least one second printed wiring board~~PWB~~ partially overlaps at least one of said at least one first~~first~~ radiation structure formed on said at least one first printed wiring board~~PWB~~.
2. (Currently Amended) The device according to claim 1, wherein said first ~~and/or~~ second printed wiring boards~~PWBs~~ are one layer printed wiring boards~~PWBs~~ that comprise at least one metallic layer ~~and/or~~ at least one dielectric layer.
3. (Currently Amended) The device according to claim 1, wherein said first ~~and/or~~ second printed wiring boards~~PWBs~~ further comprise at least one adhesive layer, and wherein said first ~~and/or~~ second printed wiring boards~~PWBs~~ are attached to said antenna carrier via said adhesive layer.

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7. (Original) The device according to claim 1, further comprising a protection layer that at least partially covers said first PWB.
8. (Original) The device according to claim 1, further comprising at least one pogo pin that penetrates said antenna carrier to electrically contact said radiation structure of said first PWB.
9. CANCELLED.
10. (Original) The device according to claim 1, wherein said first radiation structure is essentially line-shaped.
11. (Original) The device according to claim 10, wherein said first radiation structure is at least partially bent.
12. (Currently Amended) The device according to claim 1, wherein said at least one second printed wiring board~~PWB~~ is essentially planar~~plane~~.
13. (Original) The device according to claim 1, wherein said antenna carrier consists of a dielectric material.
14. (Currently Amended) A device, comprising:
 - an at least partially plane antenna carrier with a first side and a second side,

- at least one first printed wiring board~~Printed Wiring Board (PWB)~~ being attached to said first side of said antenna carrier and having at least one first radiation structure formed on it, and
 - at least one second printed wiring board~~PWB~~ attached to said second side of said antenna carrier,
 - wherein the antenna carrier is located between the at least one first printed wiring board and the at least one second printed wiring board,
 - wherein a second radiation structure is formed on said at least one first printed wiring board~~PWB~~, wherein said first radiation structure is tuned to a first frequency range and wherein said second radiation structure is tuned to at least one second frequency range, and
 - wherein said first printed wiring board~~PWB~~ is positioned on said first side of said antenna carrier and said second printed wiring board~~PWB~~ is positioned on said second side of said antenna carrier so that at least one of said at least one second printed wiring board~~PWB~~ partially overlaps at least one of said at least one first radiation structure formed on said at least one first printed wiring board~~PWB~~.
15. (Currently Amended) The device according to claim 1, wherein said device is a hand-held device, in particular a GPS-capable global-positioning-system-capable or Galileo-capable mobile phone.
16. (Original) The device according to claim 14, wherein said first frequency range is a frequency range of a satellite navigation system and wherein said at least one second frequency range is a frequency range of a mobile radio system.
17. (Currently Amended) A device~~operated according to a mobile radio system standard and a satellite navigation system standard~~, comprising:
- an at least partially plane antenna carrier with a first side and a second side,

- at least one first printed wiring board^{PWB} being attached to said first side of said antenna carrier and having a first and a second radiation structure formed on it, and
- at least one second printed wiring board^{PWB} being attached to said second side of said antenna carrier as a parasitic antenna element,
- wherein the antenna carrier is located between the at least one first printed wiring board and the at least one second printed wiring board,
- wherein said first radiation structure is tuned to a first frequency range and wherein said second radiation structure is tuned to at least one second frequency range, and
- wherein said at least one first printed wiring board^{PWB} is positioned on said first side of said antenna carrier and said at least one second printed wiring board^{PWB} is positioned on said second side of said antenna carrier so that said at least one of said at least one second printed wiring board^{PWB} partially overlaps at least one of said first and second radiation structures^{PWB}.

18. (Currently Amended) A method comprising:

- ~~for~~ generating a radiation pattern of an antenna, wherein said antenna comprises an at least partially plane antenna carrier with a first side and a second side, and at least one first printed wiring board^{Printed Wiring Board (PWB)} that is attached to said first side of said antenna carrier and has ~~at least one first~~ radiation structure formed on it,
- said method ~~including~~^{comprising:}
- attaching at least one second printed wiring board^{PWB} to said second side of said antenna carrier, wherein said at least one second printed wiring board^{PWB} acts as a parasitic antenna element, and
- ~~wherein~~^{said method also including positioning} said at least one first printed wiring board^{PWB} ~~is positioned~~ on said first side of said antenna carrier and said at least one second printed wiring board^{PWB} ~~is positioned~~ on said second side of said antenna carrier so that at least one of said at least one second printed

wiring board~~PWB~~ partially overlaps at least one of said at least one ~~first~~
radiation structure~~PWB~~.

19. (Currently Amended) A computer program with instructions stored on a processor-readable medium, said instructions operable to cause a processor to control a radiation of an antenna, wherein said antenna comprises an at least partially plane antenna carrier with a first side and a second side, at least one first printed wiring board~~Printed-Wiring-Board-(PWB)~~ being attached to said first side of said antenna carrier and having ~~at least one~~ ~~first~~ radiation structure formed on it, and at least one second printed wiring board~~PWB~~ being attached to said second side of said antenna carrier, wherein said at least one second printed wiring board~~PWB~~ acts as a parasitic antenna element, wherein the antenna carrier is located between the at least one first printed wiring board and the at least one second printed wiring board, and wherein said at least one first printed wiring board~~PWB~~ is positioned on said first side of said antenna carrier and said at least one second printed wiring board~~PWB~~ is positioned on said second side of said antenna carrier so that at least one of said at least one second printed wiring board~~PWB~~ partially overlaps at least one of said ~~at least one~~ ~~first~~ radiation structure~~PWB~~.

20. (Currently Amended) A radio system, comprising:
- at least one base station, and
 - at least one mobile station,
 - wherein said at least one mobile station comprises an at least partially plane antenna carrier with a first side and a second side, at least one first printed wiring board~~Printed-Wiring-Board-(PWB)~~ being attached to said first side of said antenna carrier and having ~~at least one~~ ~~first~~ radiation structure formed on it, and at least one second printed wiring board~~PWB~~ being attached to said second side of said antenna carrier, wherein said at least one second printed wiring board~~PWB~~ acts as a parasitic antenna element, wherein the antenna

carrier is located between the at least one first printed wiring board and the at least one second printed wiring board, and wherein said at least one first printed wiring board¹²⁴ is positioned on said first side of said antenna carrier and said at least one second printed wiring board¹²⁴ is positioned on said second side of said antenna carrier so that at least one of said at least one second printed wiring board¹²⁴ partially overlaps at least one of said at least one first radiation structure¹²⁴.

21. (Original) The radio system according to claim 20, wherein said mobile station is capable of receiving signals transmitted by at least one satellite and of at least partially determining its position from said received signals.
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27. (New) A device, comprising:
an at least partially plane means for carrying antennas, said means for carrying antennas having a first side and a second side,
at least one first wiring means being attached to said first side of said means for carrying antennas, and having at least one radiation means formed on said first wiring means, and
at least one second wiring means being attached to said second side of said means for carrying antennas,

wherein the means for carrying antennas is located between the at least one first wiring means and the at least one second wiring means,

wherein said at least one second wiring means acts as a parasitic antenna element, and

wherein said at least one first wiring means is positioned on said first side of said means for carrying antennas and said at least one second wiring means is positioned on said second side of said means for carrying antennas so that at least one of said at least one second wiring means partially overlaps at least one of said at least one radiation means.

28. (New) The device according to claim 14, wherein said first or second printed wiring boards are one layer printed wiring boards that comprise at least one metallic layer or at least one dielectric layer.
29. (New) The device according to claim 17, wherein said first or second printed wiring boards are one layer printed wiring boards that comprise at least one metallic layer or at least one dielectric layer.
30. (New) The method according to claim 18, wherein said first or second printed wiring boards are one layer printed wiring boards that comprise at least one metallic layer or at least one dielectric layer.
31. (New) The computer program according to claim 19, wherein said first or second printed wiring boards are one layer printed wiring boards that comprise at least one metallic layer or at least one dielectric layer.
32. (New) The system according to claim 20, wherein said first or second printed wiring boards are one layer printed wiring boards that comprise at least one metallic layer or at least one dielectric layer.

33. (New) The device according to claim 28, wherein said first or second printed wiring boards are one layer printed wiring boards that comprise at least one metallic layer or at least one dielectric layer.